

Amendments to the Drawings

None

Remarks

Applicant thanks the Examiner for the Written Office Action. Further, the Applicant thanks the Examiner for the telephone interview of 4/15/08 wherein the Applicant requested identification of the values of integers in the claims were disclosed by the art cited. The Examiner indicated that he did not believe that they were disclosed. No agreement was reached regarding claim language.

With regard to the substantive portion of the Written Office Action, Claims 1 – 24 were rejected under 35 U.S.C. 112, second paragraph, as being indefinite. Further, Claims 1 – 12 and 14 – 24 were rejected under 35 U.S.C. 102(b) as being anticipated by US Patent 3789562 (De Chicchis et al.). Finally, Claim 13 was rejected under 35 U.S.C. 103(a) as being unpatentable over De Chicchis et al.

Claim 1 is amended to include the limitation “wherein the integers j, k, m, n, q, r, s, and t are constrained such that the first, second, and third base angles add to 180° .” The Applicant believes that this limitation was already inherently present in the claims according to the constraints of the geometry of triangles. Further, the Applicant believes that this limitation was also disclosed in the specification in many places, including the charts and examples. Accordingly, the Applicant believes that the amendment is not new matter.

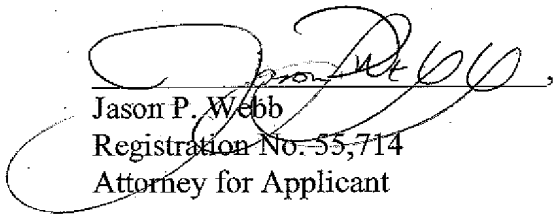
The standard for definiteness is whether the claims, “read in light of the specification, reasonably apprise those skilled in the art both of the utilization and scope of the invention.” *Hybritech Inc. v. Monoclonal Antibodies*, 231 U.S.P.Q. 81 (Fed. Cir. 1986). The Applicant respectfully requests withdrawal of the rejection under 35 U.S.C. 112, second paragraph, as the Claims are amended to be more clear.

With regard to the rejections under 35 U.S.C. 102(b) and 103(a), the Applicant argues that such rejections are improper where they do not disclose all of the limitations of the claims. "Anticipation under 35 U.S.C. §102 requires the disclosure in an single piece of prior art of each and every limitation of a claimed invention." *Apple Computer, Inc. v. Articulate Systems, Inc.* 234 F.3d 14, 20, 57 USPQ2d 1057, 1061 (Fed. Cir. 2000). The cited art does not disclose the limited values of angles as constrained by the integers j, k, m, n, q, r, s, and t. As discussed in previous responses, these values are not arbitrary as they enable structures and systems of building having distinct advantages over an arbitrary system. Further, the cited art has a poor drawing having what appears to be a varying perspective throughout the drawing. Accordingly, the Applicant argues that it is not possible to determine what exact angles are disclosed. Accordingly, such cannot disclose the limitations of the present claims.

Whereas the limitations of the claims are not disclosed, the Applicant respectfully requests withdrawal of the rejections under 35 U.S.C. 102(b) and 103(a).

For these reasons, it is believed that none of the prior art teaches the claimed invention. Furthermore, it is believed that the foregoing amendment has adequate support in the specification, and accordingly there should be no new matter. Applicant believes the pending claims have addressed each of the issues pointed out by the Examiner in the Office Action. In light of the foregoing amendment, the claims should be in a condition for allowance. Should the Examiner wish to discuss any of the proposed changes, Applicant again invites the Examiner to do so by telephone conference.

Respectfully Submitted,



Jason P. Webb
Registration No. 55,714
Attorney for Applicant

Date: 4/21/08

Advantia Law Group
9035 South 1300 East
Suite 200
Sandy, Utah 84094
Telephone: 801/272-8368